
SECTION 1

PRODUCT IDENTIFIER 5317 ULTRA-HIDE LATEX BLOCK FILLER - WHITE
DATE OF PREPARATION OCTOBER 31, 2001
PRODUCT USE PROTECTIVE COATING

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MSDS PREPARED BY: PRODUCT SAFETY AND TOXICOLOGY DEPARTMENT
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SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

	INGREDIENT	WT. %:
CHEMICAL NAME	1,2-ETHANEDIOL	1-5
COMMON NAME :	ETHYLENE GLYCOL	
CAS NUMBER:	107-21-1	
CHEMICAL NAME	MICA	1-5
COMMON NAME :	MICA	
CAS NUMBER:	12001-26-2	
CHEMICAL NAME	HYDRATED MAGNESIUM ALUMINUM SILICATE	1-5
COMMON NAME :	THICKENER	
CAS NUMBER:	12174-11-7	
CHEMICAL NAME	LIMESTONE	40-50
COMMON NAME :	LIMESTONE	
CAS NUMBER:	1317-65-3	
CHEMICAL NAME	KAOLIN	5-10
COMMON NAME :	CLAY	
CAS NUMBER:	1332-58-7	
CHEMICAL NAME	TITANIUM OXIDE	1-5
COMMON NAME :	TITANIUM DIOXIDE	

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

CAS NUMBER: 13463-67-7

CHEMICAL NAME QUARTZ .1-1.0

COMMON NAME : QUARTZ

CAS NUMBER: 14808-60-7

CHEMICAL NAME 2-PROPENOIC ACID, BUTYL ESTER, POLYMER WITH 5-10
ETHENYL ACETATE

COMMON NAME : VINYL ACRYLIC LATEX

CAS NUMBER: 25067-01-0

CHEMICAL NAME WATER 20-30

COMMON NAME : WATER

CAS NUMBER: 7732-18-5

SECTION 3: HAZARDS IDENTIFICATION

PRIMARY ROUTE(S) OF EXPOSURE

INHALATION, SKIN CONTACT, EYE CONTACT, INGESTION.

EFFECTS OF OVEREXPOSURE

INHALATION PROLONGED INHALATION MAY LEAD TO MUCOUS MEMBRANE IRRITATION, DROWSINESS, DIZZINESS AND/OR LIGHTHEADEDNESS, HEADACHE, COUGHING, CENTRAL NERVOUS SYSTEM DEPRESSION, SEVERE LUNG IRRITATION OR DAMAGE, KIDNEY DAMAGE.

SKIN CONTACT IRRITATION OF SKIN. PROLONGED OR REPEATED CONTACT CAN CAUSE DERMATITIS, DEFATTING. POSSIBLE SENSITIZATION TO SKIN.

EYE CONTACT IRRITATION OF EYES. PROLONGED OR REPEATED CONTACT CAN CAUSE CONJUNCTIVITIS, TEARING OF EYES, REDNESS OF EYES.

INGESTION INGESTION MAY CAUSE MOUTH AND THROAT IRRITATION, DIZZINESS AND/OR LIGHTHEADEDNESS, HEADACHE, NAUSEA, VOMITING, GASTRO-INTESTINAL DISTURBANCES, SEVERE ABDOMINAL PAIN, ABDOMINAL PAIN, APATHY, CENTRAL NERVOUS SYSTEM DEPRESSION, RESPIRATORY PROBLEMS, INTOXICATION, KIDNEY DAMAGE, PULMONARY EDEMA, LOSS OF CONSCIOUSNESS, ACUTE POISONING, RESPIRATORY FAILURE, CARDIAC FAILURE, BRAIN DAMAGE.

SECTION 3: HAZARDS IDENTIFICATION

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
EYE, SKIN, RESPIRATORY DISORDERS
LUNG DISORDERS
ASTHMA-LIKE CONDITIONS
KIDNEY DISORDERS
RESPIRATORY DISORDERS

SECTION 4: FIRST-AID MEASURES

INHALATION REMOVE TO FRESH AIR. RESTORE AND SUPPORT CONTINUED BREATHING.
GET EMERGENCY MEDICAL ATTENTION.
HAVE TRAINED PERSON GIVE OXYGEN IF NECESSARY. GET MEDICAL HELP FOR ANY BREATHING DIFFICULTY.
REMOVE TO FRESH AIR IF INHALATION CAUSES EYE WATERING, HEADACHES, DIZZINESS, OR OTHER DISCOMFORT.

SKIN CONTACT FLUSH FROM SKIN WITH WATER. THEN WASH THOROUGHLY WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING.
WASH CONTAMINATED CLOTHING BEFORE RE-USE.

EYE CONTACT FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER, ESPECIALLY UNDER LIDS FOR AT LEAST 15 MINUTES. IF IRRITATION OR OTHER EFFECTS PERSIST, OBTAIN MEDICAL TREATMENT.

INGESTION IF SWALLOWED, OBTAIN MEDICAL TREATMENT IMMEDIATELY.

SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT (SETA) NONE **LOWER EXPLOSIVE LIMIT** NOT AVAILABLE
UPPER EXPLOSIVE LIMIT 15.3 (%)

FIRE EXTINGUISHING MEDIA
DRY CHEMICAL OR FOAM
WATER FOG.
CARBON DIOXIDE.

SECTION 5: FIRE-FIGHTING MEASURES

UNUSUAL FIRE AND EXPLOSION HAZARDS

CLOSED CONTAINERS MAY BURST IF EXPOSED TO EXTREME HEAT OR FIRE.

FIRE FIGHTING PROCEDURES

WATER MAY BE USED TO COOL AND PROTECT EXPOSED CONTAINERS. FIREFIGHTERS SHOULD USE FULL PROTECTIVE CLOTHING, EYE PROTECTION, AND SELF-CONTAINED BREATHING APPARATUS.

HAZARDOUS DECOMPOSITION OR COMBUSTION PRODUCTS

CARBON MONOXIDE, CARBON DIOXIDE.
OXIDES OF CALCIUM

SECTION 6 ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

COMPLY WITH ALL APPLICABLE HEALTH AND ENVIRONMENTAL REGULATIONS.

VENTILATE AREA. SPILLS MAY BE COLLECTED WITH ABSORBENT MATERIALS. PLACE COLLECTED MATERIAL IN PROPER CONTAINER.

SECTION 7 HANDLING AND STORAGE

HANDLING AND STORAGE

STORE BELOW 100F (38C). KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME. KEEP FROM FREEZING.

OTHER PRECAUTIONS

USE ONLY WITH ADEQUATE VENTILATION. DO NOT TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN. AVOID CONTACT WITH SKIN AND EYES, AND BREATHING OF VAPORS. WASH HANDS THOROUGHLY AFTER HANDLING, ESPECIALLY BEFORE EATING OR SMOKING. KEEP CONTAINERS TIGHTLY CLOSED AND UPRIGHT WHEN NOT IN USE.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

COMMON NAME : ETHYLENE GLYCOL
CAS NUMBER: 107-21-1
ACGIH(STEL) : C 100 MG/M3

COMMON NAME : MICA
CAS NUMBER: 12001-26-2
ACGIH(TWA) : 3 MG/M3 OSHA(TWA) : 3 MG/M3

COMMON NAME : LIMESTONE
CAS NUMBER: 1317-65-3
ACGIH(TWA) : 10 MG/M3 OSHA(TWA) : 5 MG/M3

COMMON NAME : CLAY
CAS NUMBER: 1332-58-7
ACGIH(TWA) : 2 MG/M3 OSHA(TWA) : 5 MG/M3

COMMON NAME : TITANIUM DIOXIDE
CAS NUMBER: 13463-67-7
ACGIH(TWA) : 10 MG/M3 OSHA(TWA) : 10 MG/M3

COMMON NAME : QUARTZ
CAS NUMBER: 14808-60-7
ACGIH(TWA) : .05 MG/M3 OSHA(TWA) : 0.1 MG/M3

RESPIRATORY PROTECTION

CONTROL ENVIRONMENTAL CONCENTRATIONS BELOW APPLICABLE EXPOSURE STANDARDS WHEN USING THIS MATERIAL. WHEN RESPIRATORY PROTECTION IS DETERMINED TO BE NECESSARY, USE A NIOSH/MSHA (CANADIAN Z94.4) APPROVED ELASTOMERIC SEALING-SURFACE FACEPIECE RESPIRATOR OUTFITTED WITH ORGANIC VAPOR CARTRIDGES AND PAINT SPRAY (DUST/MIST) PREFILTERS. DETERMINE THE PROPER LEVEL OF PROTECTION BY CONDUCTING APPROPRIATE AIR MONITORING. CONSULT 29CFR1910.134 FOR SELECTION OF RESPIRATORS (CANADIAN Z94.4).

VENTILATION

PROVIDE DILUTION VENTILATION OR LOCAL EXHAUST TO PREVENT BUILD-UP OF VAPORS.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

EYE WASH, SAFETY SHOWER, SAFETY GLASSES OR GOGGLES.
IMPERVIOUS GLOVES, IMPERVIOUS CLOTHING.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE:	NOT AVAILABLE	SPECIFIC GRAVITY:	1.690
BOILING RANGE:	100-401F/38-205C	WEIGHT PER GALLON:	14.07/ 16.90IMP
%VOLATILE BY VOLUME:	49.25		
PHYSICAL STATE:	LIQUID	APPEARANCE	WHITE
SOLUBILITY IN WATER:	NOT AVAILABLE	PH:	NOT AVAILABLE

SECTION 10: STABILITY AND REACTIVITY

UNDER NORMAL CONDITIONS

STABLE

SEE SECTION 5 FIRE FIGHTING MEASURES

MATERIALS TO AVOID

OXIDIZERS, ACIDS.
STYRENE MONOMER

CONDITIONS TO AVOID

CONTACT WITH OXIDIZING AGENT, FREEZING, OPEN FLAME.

HAZARDOUS POLYMERIZATION

WILL NOT OCCUR

SECTION 11: TOXICOLOGICAL INFORMATION

COMMON NAME : ETHYLENE GLYCOL

CAS NUMBER: 107-21-1

CARCINOGENICITY LISTED BY: NTP NO

IARC NO

OSHA NO

ACGIH NO

LD50: 4700.00 MG/KG ORL RAT

LD50: 5500.00 MG/KG ORL MOU

COMMON NAME : MICA

CAS NUMBER: 12001-26-2

SECTION 11: TOXICOLOGICAL INFORMATION

CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH NO

COMMON NAME : THICKENER

CAS NUMBER: 12174-11-7

CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH NO

COMMON NAME : LIMESTONE

CAS NUMBER: 1317-65-3

CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH NO
LD50: 6450.00 MG/KG ORL RAT

COMMON NAME : CLAY

CAS NUMBER: 1332-58-7

CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH NO

COMMON NAME : TITANIUM DIOXIDE

CAS NUMBER: 13463-67-7

CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH NO
LD50: 24.00 GM/KG ORL RAT
LC50: 6820.00 MG/M3/4HR IHL RAT

COMMON NAME : QUARTZ

CAS NUMBER: 14808-60-7

CARCINOGENICITY LISTED BY: NTP YES IARC YES 1 OSHA NO ACGIH NO

COMMON NAME : VINYL ACRYLIC LATEX

CAS NUMBER: 25067-01-0

CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH NO

SUPPLEMENTAL HEALTH INFORMATION

PROLONGED INHALATION OF MICA MAY CAUSE PNEUMOCONIOSIS.
SYMPTOMS MAY INCLUDE A PROGRESSIVE DRY COUGH, SHORTNESS OF
BREATH ON EXERTION, DECREASED CHEST EXPANSION, WEAKNESS AND
WEIGHT LOSS.
OTHER EFFECTS OF OVEREXPOSURE MAY INCLUDE TOXICITY TO LUNGS.

CARCINOGENICITY CONTAINS CRYSTALLINE SILICA WHICH IS CONSIDERED A HAZARD BY
INHALATION. IARC HAS CLASSIFIED CRYSTALLINE SILICA AS
CARCINOGENIC TO HUMANS (GROUP 1). CRYSTALLINE SILICA IS ALSO
A KNOWN CAUSE OF SILICOSIS, A NONCANCEROUS LUNG DISEASE.
THE NATIONAL TOXICOLOGY PROGRAM (NTP) HAS CLASSIFIED

SECTION 11: TOXICOLOGICAL INFORMATION

CRYSTALLINE SILICA AS A KNOWN HUMAN CARCINOGEN.

REPRODUCTIVE EFFECTS

NO REPRODUCTIVE EFFECTS ARE ANTICIPATED

MUTAGENICITY

NO MUTAGENIC EFFECTS ARE ANTICIPATED

TERATOGENICITY

SOME LABORATORY TEST RESULTS HAVE SHOWN ETHYLENE GLYCOL TO
BE AN ANIMAL TERATOGEN.

SECTION 12: ECOLOGICAL INFORMATION

NO ECOLOGICAL TESTING HAS BEEN DONE BY ICI PAINTS ON THIS
PRODUCT AS A WHOLE.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL

DISPOSE IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.
AVOID DISCHARGE TO NATURAL WATERS.

SECTION 14: TRANSPORT INFORMATION

DOT PAINT ** PROTECT FROM FREEZING **

IMDG NOT AVAILABLE

IATA NOT AVAILABLE

TDG NOT AVAILABLE

SECTION 15: REGULATORY INFORMATION

	SARA 302	SARA 313	CERCLA 302.4	HAZ POLLUTANT	AIR	MARINE POLTNT
CAS NUMBER:	107-21-1	NO	YES	YES	YES	NO
COMMON NAME :	ETHYLENE GLYCOL					

AS OF THE DATE OF THIS MSDS, ALL OF THE COMPONENTS IN THIS PRODUCT ARE LISTED (OR ARE OTHERWISE EXEMPT FROM LISTING) ON THE TSCA INVENTORY.
THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CPR (CONTROLLED PRODUCTS REGULATIONS) AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CPR.

SECTION 16: OTHER INFORMATION

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA AVAILABLE AT THE TIME OF PREPARATION OF THIS DATA SHEET AND WHICH ICI PAINTS BELIEVES TO BE RELIABLE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THIS DATA. ICI PAINTS SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS INFORMATION, OR OF ANY PRODUCT, METHOD OR APPARATUS MENTIONED AND YOU MUST MAKE YOUR OWN DETERMINATION OF ITS SUITABILITY AND COMPLETENESS FOR YOUR OWN USE, FOR THE PROTECTION OF THE ENVIRONMENT, AND THE HEALTH AND SAFETY OF YOUR EMPLOYEES AND USERS OF THIS MATERIAL.
COMPLIES WITH OSHA HAZARD COMMUNICATION STANDARD 29CFR1910.1200.